

**Amendments to the Specification**

Please replace the paragraph that begins at page 65 with the following

It has been shown that human chromosome 14 fragment SC20 (deposited as Accession Number FERM BP-7583 in the International Patent Organism Depository on May 9, 2001), is retained almost 100% in a mouse and can be transmitted to progeny. Therefore, in this invention, SC20 is used as a human artificial chromosome vector. That is, the translocation of HCF2-Ig $\lambda$ -LIF fragment of human chromosome 22 and cosYHZ304-Ig $\kappa$ -CD8A fragment of human chromosome 2 as described above in A and B to SC20 resulting in construction of human artificial chromosomes  $\lambda$  and  $\kappa$ -HAC having the fragments of the human chromosomes 22 and 2 cloned thereto.